

Datasheet for ABIN6991236  
**anti-PPAPDC1B antibody (N-Term)**



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## Overview

Quantity:	0.1 mg
Target:	PPAPDC1B
Binding Specificity:	AA 30-80, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPAPDC1B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Immunogen:	PPAPDC1B antibody was raised against a 14 amino acid synthetic peptide near the amino terminus of human PPAPDC1B. The immunogen is located within amino acids 30 - 80 of PPAPDC1B.
Isotype:	IgG
Purification:	PPAPDC1B Antibody is affinity chromatography purified via peptide column.

## Target Details

Target:	PPAPDC1B
Alternative Name:	PPAPDC1B ( <a href="#">PPAPDC1B Products</a> )
Background:	PPAPDC1B Antibody: Phosphatidate phosphatase (PAP) plays important role in lipid-signaling metabolism in eukaryotic cells. Two distinct types of PAP (PAP1 and PAP2) activity have been

## Target Details

distinguished by their subcellular localization and differential sensitivity to N-ethylmaleimide (NEM) and Mg<sup>2+</sup>. A yeast diacylglycerol pyrophosphate (DGPP) phosphatase (DPP1) and mammalian DGPP phosphatase (PAP2) have been identified as Mg<sup>2+</sup>-independent and NEM-insensitive membrane-associated. PPAPDC1A (also known as DPPL2) and PPAPDC1B (DPPL1) form a novel type of Mg<sup>2+</sup>-independent and NEM-sensitive mammalian phosphatidate phosphatase showing broad substrate specificity. Knockdown experiments indicated that this protein is involved with multiple cell signaling pathways, including the JAK-Stat3, MAP kinase, and PKC pathways. PPAPDC1B may also potentiate the estrogen receptor pathway by down-regulating DUSP22.

Gene ID:	84513
NCBI Accession:	<a href="#">NP_001096029</a>
UniProt:	<a href="#">Q8NEB5</a>

## Application Details

Application Notes:	PPAPDC1B antibody can be used for detection of PPAPDC1B by Western blot at 1 - 2 µg/mL.  Antibody validated: Western Blot in mouse samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PPAPDC1B Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	PPAPDC1B antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.